

Long Range Vision



Remote controlled optronic device for hostile environments

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LRV is a Long Range Vision equipment (≈ 10 km) that can be remotely controlled from its software interface on a touchscreen tablet.

Designed and developed in direct cooperation with operatives, LRV meets the size, weight and energy needs specifically required for intelligence operations.

Light, compact and scalable

Easy setup, configuration and communication are key components of LRV.

Remote control and configuration

The operative can configure the sensor, the optics and the zoom as well as the positioning and the bearing from a safe place.

User-friendly display interface

The operative can refine the observation area and access the video recording, picture taking and real time image stabilisation tools from the touchscreen tablet.



Joint project with the 13th Parachute Dragoon Regiment



Functions

- Touchscreen tablet display
- Intuitive on screen displacement and image enlargement
- Computer reduction of atmospheric disturbances effects on the area of interest
- Photo and video recording
- Remote configuration of
 - the sensor
 - the optics
 - the optical zoom
 - the positioning and the bearing

Applications

- Intelligence
- Surveillance operations

Advantages

- The operative can stay in a safe place
- Light and compact
- Software interface
 - Ergonomic and intuitive
 - Can be used alongside other applications
 - Designed to be compatible with other sensors and systems
- Scalable concept thanks to the possibility to integrate detection and recognition modules
- USB 3.0 communication



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